

**FINAL EXPRESS TERMS
FOR
PROPOSED BUILDING STANDARDS
OF THE
OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT

REGARDING PROPOSED CHANGES TO
CALIFORNIA ELECTRICAL CODE
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 3**

LEGEND FOR EXPRESS TERMS

1. Existing California amendments or code language being modified are in italics when they appear in the model code text: All such language appears in *italics*, modified language is underlined.
2. New California amendments: All such language appears underlined and in italics.
3. Repealed text: All such language appears in ~~strikeout~~.

EXPRESS TERMS

ARTICLE 89 – ADMINISTRATION

Carry forward Article 89 of the 2013 California Electric Code (CEC) for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 90 – INTRODUCTION

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

Chapter 1 – General

ARTICLE 100 – DEFINITIONS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 110 – REQUIRMENTS FOR ELECTRICAL INSTALLATIONS

Adopt entire 2014 National Electric Code (NEC) Article and carry forward existing amendments of the 2013 California Electrical Code (CEC) for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

Chapter 2 – Wiring and Protection

ARTICLE 200 – USE AND IDENTIFICATION OF GROUNDED CONDUCTORS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 210 – BRANCH CIRCUITS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 215 – FEEDERS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 220 – BRANCH-CIRCUIT, FEEDER AND SERVICE CALCULATIONS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 225 – OUTSIDE BRANCH CIRCUITS AND FEEDERS

Adopt entire 2014 National Electrical Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 230 – SERVICES

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 240- OVERCURRENT PROTECTION

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 250 – GROUNDING AND BONDING

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 280 – SURGE ARRESTERS, OVER 1000 VOLTS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 285 – SURGE-PROTECTIVE DEVICES (SPDs), 1000 VOLTS or LESS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

Chapter 3 – Wiring Methods and Materials

ARTICLE 300 – GENERAL REQUIREMENTS FOR WIRING METHODS AND MATERIALS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Sections 129850

ARTICLE 310 – CONDUCTORS FOR GENERAL WIRING

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 312: CABINETS, CUTOUT BOXES, AND METER SOCKET ENCLOSURES

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 314 – OUTLET, DEVICE, PULL, AND JUNCTION BOXES; CONDUIT BODIES; FITTINGS; AND HANDHOLE ENCLOSURES

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 320 – ARMORED CABLE: TYPE AC

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 322 – FLAT CABLE ASSEMBLIES: TYPE FC

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 324 – FLAT CONDUCTOR CABLE: TYPE FCC

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 326 – INTEGRATED GAS SPACER CABLE: TYPE IGS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 328 – MEDIUM VOLTAGE CABLE: TYPE MV

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 330 – METAL-CLAD CABLE: TYPE MC

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 332 – MINERAL-INSULATED, METAL-SHEATHED CABLE: TYPE MI

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 334 – NONMETALLIC-SHEATHED CABLE: TYPES NM, NMC AND NMS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 336 – POWER AND CONTROL TRAY CABLE: TYPE TC

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 338 – SERVICE-ENTRANCE CABLE: TYPES SE AND USE

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 340 – UNDERGROUND FEEDER AND BRANCH-CIRCUIT CABLE: TYPE UF

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 342 – INTERMEDIATE METAL CONDUIT: TYPE IMC

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 344 – RIGID METAL CONDUIT: TYPE RMC

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 348 – FLEXIBLE METAL CONDUIT: TYPE FMC

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 350 – LIQUIDTIGHT FLEXIBLE METAL CONDUIT: TYPE LFMC

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 352 – RIGID POLYVINYL CHLORIDE CONDUIT: TYPE PVC

Repeal existing amendments and adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4

352.12 Uses Not Permitted.

PVC conduit shall not be used under the conditions specified in 352.12(A) through (E).

~~RNC shall not be used under the following conditions:~~

~~[OSHPD 1, 2, 3 & 4] PVC conduit shall not be used under the conditions specified in 352.12 (A) through (F)~~

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 353 – HIGH DENSITY POLYETHYLENE CONDUIT: TYPE HDPE CONDUIT

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 354 – NONMETALLIC UNDERGROUND CONDUIT WITH CONDUCTORS: TYPE NUCC

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 355 – REINFORCED THERMOSETTING RESIN CONDUIT: TYPE RTRC

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 356 – LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT: TYPE LFNC

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 358 – ELECTRICAL METALLIC TUBING: TYPE EMT

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 360 – FLEXIBLE METALLIC TUBING: TYPE FMT

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 362 – ELECTRICAL NONMETALLIC TUBING: TYPE ENT

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 366 – AUXILIARY GUTTERS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 368 – BUSWAYS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 370 – CABLEBUS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 372 – CELLULAR CONCRETE FLOOR RACEWAYS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 374 – CELLULAR METAL FLOOR RACEWAYS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 376 – METAL WIREWAYS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 378 – NONMETALLIC WIREWAYS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 380 – MULTIOUTLET ASSEMBLY

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 382 – NONMETALLIC EXTENSIONS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 384 – STRUT-TYPE CHANNEL RACEWAY

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 386 – SURFACE METAL RACEWAYS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 388 – SURFACE NONMETALLIC RACEWAYS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 390 – UNDERFLOOR RACEWAYS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 392 – CABLE TRAYS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 393 – LOW-VOLTAGE SUSPENDED CEILING POWER DISTRIBUTION SYSTEMS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 394 – CONCEALED KNOB-AND-TUBE WIRING

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 396 – MESSENGER-SUPPORTED WIRING

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 398 – OPEN WIRING ON INSULATORS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 399 – OUTDOOR OVERHEAD CONDUCTORS OVER 1000 VOLTS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

Chapter 4 – Equipment for General Use

ARTICLE 400 – FLEXIBLE CORDS AND CABLES

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 402 – FIXTURE WIRES

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 404 – SWITCHES

Adopt entire 2014 National Electric Code (NEC) Article for OSHPD 3.

Adopt entire 2014 National Electric Code (NEC) Article and carry forward existing amendment of the 2013 California Electrical Code (CEC) for OSHPD 1, 2, & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 406 – RECEPTACLES, CORD CONNECTORS, AND ATTACHEMENTS PLUGS (CAPS)

Adopt entire 2014 National Electric Code (NEC) Article for OSHPD 3.

Adopt entire 2014 National Electric Code (NEC) Article and carry forward existing amendment of the 2013 CEC for OSHPD 1, 2, and 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 408 – SWITCHBOARDS, SWITCHGEAR, AND PANELBOARDS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 409 – INDUSTRIAL CONTROL PANELS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 410 – LUMINAIRES, LAMPHOLDERS, AND LAMPS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 411 – LIGHTING SYSTEMS OPERATING AT 30 VOLTS OR LESS AND LIGHTING EQUIPMENT CONNECTED TO CLASS-2 POWER SOURCES

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 422 – APPLIANCES

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 424 – FIXED ELECTRIC SPACE-HEATING EQUIPMENT

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 426 – FIXED OUTDOOR ELECTRIC DEICING AND SNOW-MELTING EQUIPMENT

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 427 – FIXED ELECTRIC HEATING EQUIPMENT FOR PIPELINES AND VESSELS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 430 – MOTORS, MOTOR CIRCUITS, AND CONTROLLERS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 440 – AIR-CONDITIONING AND REFRIGERATING EQUIPMENT

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 445 – GENERATORS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 450 – TRANSFORMERS AND TRANSFORMER VAULTS (INCLUDING SECONDARY TIES)

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 455 – PHASE CONVERTERS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 460 – CAPACITORS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 470 – RESISTORS AND REACTORS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 480 – STORAGE BATTERIES

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 490 – EQUIPMENT, OVER 1000 VOLTS, NOMINAL

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

Chapter 5 – Special Occupancies

ARTICLE 500 – HAZARDOUS (CLASSIFIED) LOCATIONS, CLASSES I, II, AND III, DIVISIONS 1 AND 2

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 501 – CLASS I LOCATIONS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 502 – CLASS II LOCATIONS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 503 – CLASS III LOCATIONS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 504 – INTRINSICALLY SAFE SYSTEMS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 505 – ZONE 0, 1, AND 2 LOCATIONS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 506 – ZONE 20, 21, AND 22 LOCATIONS FOR COMBUSTIBLE DUSTS OR IGNITABLE FIBERS/FLYINGS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 510 – HAZARDOUS (CLASSIFIED) LOCATIONS – SPECIFIC

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 511 – COMMERCIAL GARAGES, REPAIR AND STORAGE

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 513 – AIRCRAFT HANGARS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 514 – MOTOR FUEL DISPENSING FACILITIES

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 515 – BULK STORAGE PLANTS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 516 – SPRAY APPLICATION, DIPPING, COATING, AND PRINTING PROCESSES USING FLAMMABLE OR COMBUSTIBLE MATERIAL

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 517 – HEALTH CARE FACILITIES

Adopt entire 2014 National Electric Code (NEC) Article and carry forward existing amendments of the 2013 California Electrical Code (CEC) for OSHPD 1, 2, 3 & 4 and the make following amendments:

517.2 Definitions

....

Patient Care Space. Space within a health care facility wherein patients are intended to be examined or treated.

Basic Care Space. Space in which failure of equipment or a system is not likely to cause injury to the patients or caregivers but may cause patient discomfort.

General Care Space. Space in which failure of equipment or a system is likely to cause minor injury to patients or caregivers. [OSHPD 1, 2, 3, & 4] Includes areas such as patient bedrooms, examining rooms, treatment rooms, clinics, and similar areas where the patient may come into contact with electromedical devices or ordinary appliances such as a nurse call system, electric beds, examining lamps, telephones, and entertainment devices.

Critical Care Space. Space in which failure of equipment or a system is likely to cause major injury or death to patients or caregivers. [OSHPD 1, 2, 3, & 4] Includes special care units, intensive care units, coronary care units, angiography laboratories, cardiac catheterization laboratories, delivery rooms, operating rooms, post-operative recovery rooms and similar areas in which patients are intended to be subjected to invasive procedures and are connected to line-operated electromedical devices.

Support Space. Space in which failure of equipment or a system is not likely to have a physical impact on patients or caregivers.

[OSHDP 1, 2, 3, & 4] General Care Area. see General Care Space

[OSHDP 1, 2, 3, & 4] Critical Care Area. see Critical Care Space

517.19 Critical Care Areas.

....

(B) Patient Bed Location Receptacles.

....

~~Exception No.1: [OSHDP 1, 2, & 4] Each intensive care newborn nursery bed equivalent and each bed location in intensive care and coronary care units shall be equipped with at least 10 single or 5 duplex receptacles listed "Hospital Grade" and so identified; each receptacle shall be grounded to the reference grounding point by means of an insulated grounding conductor.~~

517.26 Application of Other Articles

The life safety branch, [OSHDP 1, 2, 3, & 4] critical branch, and equipment branch of the essential electrical system shall meet the requirements of Article 700, except as amended by Article 517.

517.30 Essential Electrical Systems for Hospitals.

...

(A) Applicability. The requirements of Part III, 517.30 through 517.35, shall apply to hospitals [OSHDP 1, 2 (facilities complying with Article 517.40(B)), 3 (ambulatory surgical clinics only), & 4] correctional treatment centers providing optional services where an essential electrical system is required.

(B) General.

...

(53) Optional Loads. Loads served by the generating equipment not specifically named in Article 517 shall be served by their own transfer switches such that the following conditions apply:

(1) These loads shall not be transferred if the transfer will overload the generating equipment.

(2) These loads shall be automatically shed upon generating equipment overloading.

[For OSHDP 1, 3, & 4] Loads served by such transfer switches, including the receptacles required to be supplied by the normal system pursuant to Articles 517-18 and 517-19, shall not be considered to be on the essential system.]

(4) Contiguous Facilities. Hospital power sources and alternate power sources shall be permitted to serve the essential electrical systems of contiguous or same site facilities. [99:13.3.4.3]

~~**(75)** [OSHDP 1, 2 (facilities complying with Article 517.40(B)), 3, & 4] All automatic transfer switches in general acute care hospitals, skilled nursing facilities complying with Article 517.40(B), and correctional treatment centers providing optional services shall be provided with an in-phase monitor relay and shall have provisions for electrically by-passing and isolating the transfer switch. The by-pass switch shall be capable of by-passing loads to the emergency source or normal source if the selected by-pass source voltage is available. Transfer switches rated over 150 volts to ground and equal to or greater than 1000 amps shall not be located in the same room with the normal service equipment.~~

...

(D) Capacity of Systems. ...

(D.1) [OSHDP 1, 2, 3, & 4] Capacity of Systems. *The essential electrical system shall have the adequate capacity and rating to meet the maximum actual demand for the operation of all functions and equipment to be served by each system and branch likely to be produced by the connected load.*

...

517.33 Critical Branch.

(A) Task Illumination and Selected Receptacles. ...

(7) Telephone and data ~~[OSHDP 1, 3, & 4] and information technology~~ equipment rooms and closets

...

517.34 Equipment Branch Connection to Alternate Power Source.

(A) Equipment for Delayed Automatic Connection. The following equipment shall be permitted to be arranged for delayed automatic connection to the alternate power source:

...

(8) Supply, return ...

(9) [OSHDP 1, 2, 3 (surgical clinics), & 4] All equipment listed in Section 321.0 of the California Plumbing Code.

517.41 Essential Electrical Systems

(B) Transfer Switches. The number of transfer switches to be used shall be based on reliability, design, and load considerations. Each branch of the essential electrical system shall be served by one or more transfer switches. One transfer switch shall be permitted to serve one or more branches or systems in a facility with a maximum demand of the essential electrical system of 150 kVA. [OSHDP 1, 2, & 4] Transfer switches installed in skilled nursing facilities meeting the requirements of Article 517.40(B) shall comply with Article 517.30(B)(5).

517.43 Connection to Critical Branch.

(A) Delayed Automatic Connection. The following equipment shall be permitted to be connected to the critical branch and shall be arranged for delayed automatic connection to the alternate power source:

(9) [OSHDP 1, 2, 3 (surgical clinics), & 4] All equipment listed in Section 321.0 of the California Plumbing Code.

517.123 [OSHDP 1, 2, 3 & 4] Call Systems. *Hospital signaling and nurse call equipment includes four types of call stations: patient stations, bath stations, staff emergency stations, and code call stations.*

...

(B) Patient Stations. *A patient station shall be provided to allow each patient to summon assistance from the nursing staff.*

- (1) *Each patient sleeping bed, except nursery beds, shall be provided with a patient station equipped for two-way voice communication. Use of a dual call station shall be permitted when beds are located adjacent to each other.*

Exception: Two-way voice communication is not required at skilled nursing bed(s). However, the system shall require resetting at the calling station unless a two-way voice communication component is included.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 518 –ASSEMBLY OCCUPANCIES

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 520 – THEATERS, AUDIENCE AREAS OF MOTION PICTURE AND TELEVISION STUDIOS, PERFORMANCE AREAS, AND SIMILAR LOCATIONS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 522 – CONTROL SYSTEMS FOR PERMANENT AMUSEMENT ATTRACTIONS

Article is not adopted for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 525 – CARNIVALS, CIRCUSES, FAIRS, AND SIMILAR EVENTS

Article is not adopted for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 530 – MOTION PICTURE AND TELEVISION STUDIOS AND SIMILAR LOCATIONS

Article is not adopted for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 540 – MOTION PICTURE PROJECTION ROOMS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 545 – MANUFACTURED BUILDINGS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 547 – AGRICULTURAL BUILDINGS

Article is not adopted for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 550 – MOBILE HOMES, MANUFACTURED HOMES, AND MOBILE HOME PARKS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 551 – RECREATIONAL VEHICLES AND RECREATIONAL VEHICLE PARKS

Article is not adopted for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 552 – PARK TRAILERS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3, & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 553 – FLOATING BUILDINGS

Article is not adopted for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 555 – MARINAS AND BOATYARDS

Article is not adopted for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 590 – TEMPORARY INSTALLATIONS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

Chapter 6 – Special Equipment

ARTICLE 600 – ELECTRIC SIGNS AND OUTLINE LIGHTING

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 604- MANUFACTURED WIRING SYSTEMS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 605 – OFFICE FURNISHINGS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 610 – CRANES AND HOISTS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 620 – ELEVATORS, DUMBWAITERS, ESCALATORS, MOVING WALKS, PLATFORM LIFTS AND STAIRWAY CHAIRLIFTS

Adopt entire 2014 National Electric Code (NEC) Article for OSHPD 2, 3, & 4.

Adopt entire 2014 National Electric Code (NEC) Article and carry forward existing amendment of the 2013 California Electrical Code (CEC) for OSHPD 1.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 625 – ELECTRIC VEHICLE CHARGING SYSTEM

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 626 – ELECTRIFIED TRUCK PARKING SPACES

Article is not adopted for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 630 – ELECTRIC WELDERS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 640 – AUDIO SIGNAL PROCESSING, AMPLIFICATION, AND REPRODUCTION EQUIPMENT

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 645 – INFORMATION TECHNOLOGY EQUIPMENT

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 646 – MODULAR DATA CENTERS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5
Reference: Health and Safety Code Section 129850

ARTICLE 647 – SENSITIVE ELECTRONIC EQUIPMENT

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 650 – PIPE ORGANS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 660 – X-RAY EQUIPMENT

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 665 – INDUCTION AND DIELECTRIC HEATING EQUIPMENT

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 668 – ELECTROLYTIC CELLS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 669 – ELECTROPLATING

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 670 – INDUSTRIAL MACHINERY

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 675 – ELECTRICALLY DRIVEN OR CONTROLLED IRRIGATION MACHINES

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 680 – SWIMMING POOLS, FOUNTAINS, AND SIMILAR INSTALLATIONS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 682 – NATURAL and ARTIFICIALLY MADE BODIES of WATER

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 685 – INTEGRATED ELECTRICAL SYSTEMS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 690 – SOLAR PHOTOVOLTAIC (PV) SYSTEMS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 692 – FUEL CELL SYSTEMS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 694 – WIND ELECTRIC SYSTEMS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 695 – FIRE PUMPS

Adopt entire 2014 National Electric Code (NEC) Article for OSHPD 1, 2, 3 & 4 and make the following amendments:

695.3 Power Source(s) for Electric Motor-Driven Fire Pumps.

(E) Arrangement. ...

(F) Transfer of Power. Transfer of power to the fire pump controller between the individual source and one alternate source shall take place within the pump room. [20:9.6.4]

- (1) **Power Source selection.** Selection of power source shall be performed by a transfer switch listed for fire pump service. [20:10.8.1.3.1] [OSHPD 1, 2 (facilities complying with Article 517.40(B), & 4) Transfer switch shall comply with Article 517.30(B)(5).

(G) Phase Converters. ...

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

Chapter 7 – Special Conditions

ARTICLE 700 – EMERGENCY SYSTEMS

Adopt entire 2014 National Electric Code (NEC) Articles and carry forward existing amendments of the 2013 CEC for OSHPD 1, 2, 3 & 4 and make the following amendments:

700.3 Tests and Maintenance.

(A) Conduct or Witness Test. The authority having jurisdiction shall conduct or witness a test of the complete system upon installation and periodically afterward.

[OSHPD 1, 2, 3 & 4] Permanently installed on-site generator sets for health care facilities shall be tested in accordance with NFPA 110-2005, Standard for Emergency and Standby Power Systems, Section 7.13, Installation Acceptance. All safety devices shall be tested as specified in Section ~~7.13.14~~ 7.13.4.5; however, the safety devices provided may comply with NFPA 99-2005, Health Facilities, Section ~~4.4.1.1.16~~ 6.4.1.1.17 in lieu of NFPA 110-2005, Section 5.6.5.2. The emergency power supply system shall be considered as a Level 1 system for testing purposes. Upon loss of normal power, the emergency power supply system shall provide emergency power within 10 seconds as required by 700.12.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 701 – LEGALLY REQUIRED STANDBY SYSTEMS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 702 – OPTIONAL STANDBY SYSTEMS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 705 – INTERCONNECTED ELECTRIC POWER PRODUCTION SOURCES

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 708 – CRITICAL OPERATIONS POWER SYSTEMS (COPS)

Adopt entire 2014 National Electric Code (NEC) Article and carry forward existing amendments of the 2013 California Electrical Code (CEC) for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 720 – CIRCUITS AND EQUIPMENT OPERATING AT LESS THAN 50 VOLTS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 725 – CLASS 1, CLASS 2, AND CLASS 3 REMOTE-CONTROL, SIGNALING, AND POWER-LIMITED CIRCUITS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 727 – INSTRUMENTATION TRAY CABLE: TYPE ITC

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 728 – FIRE-RESISTIVE CABLE SYSTEMS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 750 – ENERGY MANAGEMENT SYSTEMS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 760 – FIRE ALARM SYSTEMS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 770 – OPTICAL FIBER CABLES AND RACEWAYS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

Chapter 8 – Communications Systems

ARTICLE 800 – COMMUNICATIONS CIRCUITS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 810 – RADIO AND TELEVISION EQUIPMENT

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 820 – COMMUNITY ANTENNA TELEVISION AND RADIO DISTRIBUTION SYSTEMS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 830 – NETWORK-POWERED BROADBAND COMMUNICATIONS SYSTEMS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

ARTICLE 840 – PREMISES-POWERED BROADBAND COMMUNICATIONS SYSTEMS

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850

Chapter 9 – TABLES

Adopt entire 2014 National Electric Code (NEC) Article without amendments for OSHPD 1, 2, 3 & 4.

NOTATION:

Authority: Health and Safety Code Sections 1226, 1275, 18928, 129790 and 129850; Government Code Section 11152.5

Reference: Health and Safety Code Section 129850